

S912ZVHL32F1CLL



Part Number: [S912ZVHL32F1CLL](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: MAGNIV 16-BIT MCU S12Z CORE 32

Data sheet:  [Mc9S12ZVHY, L Reference Manual](#)
 [MC9S12ZVC Family Datasheet, Manual](#)

RoHs Status:

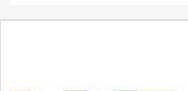
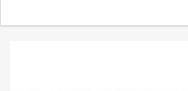
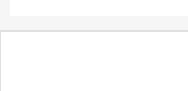
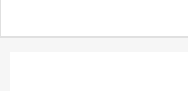
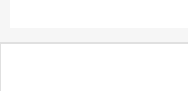
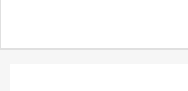
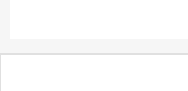
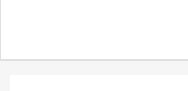
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PRODUCT PARAMETER			
Part Number	S912ZVHL32F1CLL	Manufacturer	NXP Semiconductors / Freescale
Description	MAGNIV 16-BIT MCU S12Z CORE 32	Lead Free Status / RoHS Status	
Quantity Available	21994 pcs	Data sheet	Mc9S12ZVHY, L Reference Manual MC9S12ZVC Family Datasheet, Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 5.5 V
Supplier Device Package	100-LQFP (14x14)	Speed	32MHz
Series	S12 MagniV	RAM Size	2K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (32K x 8)
Peripherals	DMA, LCD, POR, PWM, WDT	Packaging	Tray
Package / Case	100-LQFP	Other Names	935311904557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	73	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	18 Weeks	EEPROM Size	2K x 8
Detailed Description	S12Z S12 MagniV Microcontroller IC 16-Bit 32MHz 32KB (32K x 8) FLASH 100-LQFP (14x14)	Data Converters	A/D 4x10b
Core Size	16-Bit	Core Processor	S12Z
Connectivity	CANbus, I ² C, LINbus, SCI, SPI		
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